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PTO/SB/05 (2/98)
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10/05/01

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(h)

Attorney Docket No.	06192.0204.NPUS00
First Named Inventor or Application Identifier	Joong-Hyun Moon
Title	Liquid Crystal Display Having Wide Viewing Angle
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patent
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 18]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 3]
4. Oath or Declaration [Total Pages 3]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. ☐ *Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

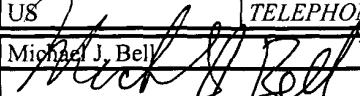
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner:

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 22930 or ☐ Correspondence address below
(Insert Customer No. or Attach bar code label here)

NAME	Michael J. Bell				
	HOWREY SIMON ARNOLD & WHITE, LLP				
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	1299 Pennsylvania Avenue, N.W.				
CITY	Washington	STATE	DC	ZIP CODE	20004-2402
COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)	Michael J. Bell	Registration No. (Attorney/Agent)	39,604		
Signature		Date	October 5, 2001		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

HOWREY SIMON ARNOLD & WHITE, LLP
Box No. 34
1299 Pennsylvania Avenue, NW
Washington, DC 20004-2402
(202) 783-0800

Attorney Docket No. 06192.0204.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Joong-Hyun MUN and Jang-Kun SONG**For: **LIQUID CRYSTAL DISPLAY HAVING WIDE VIEWING ANGLE**

Enclosed is a new application comprising:

- ☒ A specification containing: 13 pages of description prior to the claims; 4 pages of claims (8 claims); a one (1) page abstract; 3 sheets of drawings (**Figures 1, 2 and 3**)
- ☒ PTO SB/05

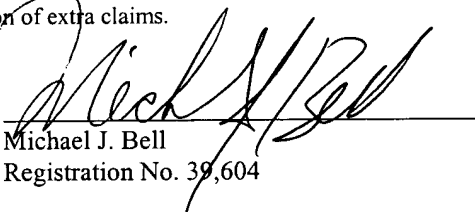
The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE			RATE	FEE
BASIC FEE				\$ 345.00			\$ 740.00
TOTAL CLAIMS	8-20 =	* 0	x 9 =			x 18 =	-0-
INDEP. CLAIMS	3-3 =	* 0	x 39 =			x 84 =	-0-
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 130 =			+ 270 =	
			TOTAL			TOTAL	\$740.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

- ☒ A check in the amount of **\$740.00** to cover the basic filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of any extra claim and the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0204.NPUS00. *A copy of this sheet is enclosed.*
- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date October 5, 2001


 Michael J. Bell
 Registration No. 39,604

HOWREY
SIMON
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ATTORNEYS AT LAW

1299 PENNSYLVANIA AVE., NW
WASHINGTON, DC 20004-2402
PHONE 202.783.0800
FAX 202.383.6610
A LIMITED LIABILITY PARTNERSHIP

October 5, 2001

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **HEREWITH**
Title: **LIQUID CRYSTAL DISPLAY HAVING WIDE VIEWING ANGLE**
Inventors: Joong-Hyun MUN, *et al.*
Our Ref: 06192.0204.NPUS00

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**LIQUID CRYSTAL DISPLAY HAVING WIDE VIEWING
ANGLE**

and naming as inventors: **Joong-Hyun MUN**
Jang-Kun SONG

the application consisting of:

a. A specification containing:

- (i) **13** pages of description prior to the claims;
- (ii) **4** pages of claims (**8** claims);
- (iii) a **one** (1) page abstract;

b. **3** sheets of drawings: (**Figures 1, 2 and 3**);

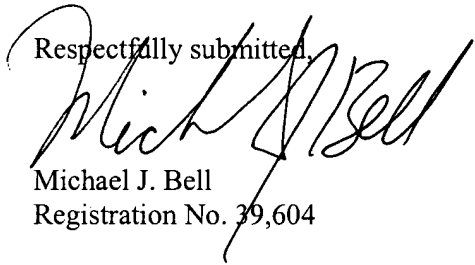
4. Executed Combined Declaration-Power Attorney;
5. Executed Assignment, PTO 1595 Assignment Recordation Sheet and Check No. 002475 to cover the Assignment Recordation fee;

6. Claim for Priority and certified copy of Korean Patent No. 2001-1791 filed January 12, 2001;
7. Check No. 002476 in the amount of \$740.00 to cover the Basic Application Filing Fee;
8. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0204.NPUS00. *A copy of this letter is enclosed.*

Respectfully submitted,


Michael J. Bell
Registration No. 39,604

Enclosures

06192.0204.NPUS00